



State of Washington  
Application for a Water Right Permit

☐ SURFACE WATER ☒ GROUND WATER  
☒ Permanent ☐ Temporary ☐ Short Term

For Ecology Use  
(Date Stamp)

Follow the attached instructions. Attach additional sheets as necessary.

A NON-REFUNDABLE MINIMUM FEE OF \$50.00 PAYABLE TO  
THE DEPARTMENT OF ECOLOGY MUST ACCOMPANY THIS APPLICATION.

Section 1. APPLICANT

Applicant/Business Name: <b>City of Ferndale Public Works Department</b>	Phone No: <b>360-384-4006</b>	Other No: <b>FAX 360-384-5189</b>
Address: <b>P.O. Box 936</b> <b>2095 Main Street</b>		
<b>City: Ferndale</b>	State: <b>WA</b>	Zip: <b>98248</b>
Email Address (optional): <b>publicworks@ci.ferndale.wa.us</b>		

Contact Name (if different from above): <b>Bob Cecile</b>	Phone No: <b>360-384-4006</b>	Other No:
Relationship to Applicant: <b>Public Works Director</b>		
Address: <b>Same as above</b>		
City:	State:	Zip: <b>98248</b>
Email Address (optional): <b>publicworks@ci.ferndale.wa.us</b>		

Section 2. STATEMENT OF INTENT

Briefly describe the purpose of your proposed project: **Develop a new water supply well on the north end of the city near the existing Thornton Road reservoir to provide an alternate reliable water source for future growth and stability of the system and to make the system less subject to future cost increases.**

Anticipated length of time to complete your project: **within 20 years from receipt of water right permit.**

Water Use

List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only) <input type="checkbox"/> Cubic Feet per Second (CFS) <input checked="" type="checkbox"/> Gallons per Minute (GPM)	Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
<b>Municipal</b>	<b>3000</b>		<b>Continuously</b>
<b>TOTAL:</b>	<b>3000</b>		

Short Term/Temporary Water Use

For Ecology Use	APPLICATION NO: <b>81-28621</b>	SEPA: <input checked="" type="checkbox"/> Exempt/Not Exempt
	Fee Paid: <b>50-</b>	Check No: <b>66610</b>
	ECY Coding: 001-001-WR1-0285-000011	
Date Returned	By	Priority Date <b>5/1/09</b>
		By <b>DB</b> WRIA: <b>1</b>



Is this a request for a short term project (less than four months and non-recurring)? ☐ YES ☒ NO

Is this request for a temporary permit? ☐ YES ☒ NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: \_\_\_\_/\_\_\_\_/\_\_\_\_ TO: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Section 3. POINT OF DIVERSION OR WITHDRAWAL**

Complete A or B, and C below

<b>A.) If Surface Water Source</b>	<b>B.) If Ground Water Source</b>
<input type="checkbox"/> Spring <input type="checkbox"/> Creek <input type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____	X Well(s) X Other: _____
Source Name: _____	Well diameter & depth: <b>To be determined via preliminary permit to drill and test</b>
Tributary to: _____	Number of proposed points of withdrawal: <b>1(2 if necessary for needed capacity)</b>
Number of proposed diversion points: _____	Do you have an existing well? <b>X YES (but not at this location)</b> <input type="checkbox"/> NO
Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO	If available, attach Water Well Report and pump test. Well Tag ID No. _____

<b>C.) Point of Diversion/Withdrawal – Legal Description</b>						
Parcel No.	¼	¼	Section	Township	Range	County
	NW	NE	24	39N	01E	Whatcom
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:  
**Unknown at this time. – City intends to drill test well at City-owned parcel 390124 392440 0000; production well is expected to be located on this parcel but may be outside of the parcel but within the ¼-¼- listed above. The proposed POW is shown on Plate 4 (attached) and the parcel is shown on Attachment 1 (Plat map) and Attachment 2 (aerial photograph).**

\_\_\_\_\_ Feet (☐ North/☐ South) and \_\_\_\_\_ feet (☐ East/☐ West)  
from the (☐NW ☐SW ☐NE ☐SE ☐ \_\_\_\_ ) corner of Section\_\_\_\_\_.

Parcel No.	¼	¼	Section	Township	Range	County
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:  
\_\_\_\_\_ feet (☐ North/☐ South) and \_\_\_\_\_ feet (☐ East/☐ West)  
from the (☐NW ☐SW ☐NE ☐SE ☐ \_\_\_\_ ) corner of Section\_\_\_\_\_.

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Do you own the land on which the proposed point of diversion/withdrawal is located? ☒ YES ☐ NO  
If no, do you have legal authority to make this application for use of another's land? ☐ YES ☐ NO  
Provide the owner name(s), address, and phone number: \_\_\_\_\_

**Section 4. PLACE OF USE**

Attach a copy of the legal description of the property (on which the water will be used) taken from a real

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	Fee Paid: _____ Check No: _____	ECY Coding: 001-001-WR1-0285-000011
Date Returned _____ By _____ Priority Date _____ By _____ WRIA: _____		



estate contract, property deed or title insurance policy, or copy it carefully in the space below.

Service area of the City of Ferndale as depicted on the attached map (Plate 4) and as shown in 1994 Comprehensive Water Plan and 2006 update which is underway.						
1/4	1/4	Section	Twp.	Range	County	Parcel No.

Do you own all the lands on which the proposed place of use is located? ☐ YES ☒ NO.

If no, do you have legal authority to make this application for use of another’s land? ☒ YES ☐ NO

Provide owner name(s), address, and phone number: City of Ferndale Service Area

(See attached map of service area [Plate 4 – Attachment 3])

Are there any other water rights or claims associated with this property or water system? ☒ YES ☐ NO

If yes, provide the water right and/or claim numbers: The City of Ferndale has 3 water rights and receives water from PUD # 1 of Whatcom County which has a water right from the Nooksack River. In addition, several water systems have service areas lying wholly or in part with the City limits and/or the Urban Growth Area.. These additional rights are listed in Attachment 4.

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

The proposed point of withdrawal has been added to Plate 4 (Attachment 3).

**Section 5. WATER SYSTEM DESCRIPTION**

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source): A new ground water well (or wells) near the existing Reservoir 2 (Thornton Road Reservoir). Depending on water quality, the project will include on-site treatment and a pumping station to provide water to the existing system at the Thornton Road reservoir site. The precise location of the well will be determined in consultation with a licensed hydrogeologist and Ferndale intends to drill a test well and conduct aquifer tests to determine the well diameter, depth, size of the pump, etc.

**Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION**

Complete A or B, and C below

<b>A.) Domestic Water Systems only</b>	<b>B.) Municipal Water Systems only</b> <i>(defined under RCW 90.03.015)</i>
Projected number of connections to be served: _____	Present population to be served water: <u>10,280</u>
Type of connections: _____ <i>(e.g., home, recreational cabin)</i>	Estimate future population to be served: <u>19,334 (2026 estimate) (20 year projection)</u>
<b>C.) Water System Planning</b>	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <b>2006 update is nearly complete. WDOH report states “System has been notified to comply with Water System Plan Requirements but has filed to do so in the time allowed. System currently has a Yellow designation. Previous plan was approved in 1994.</b>	
If yes, date plan was approved ____/____/____ Water System Number: <u>24850M</u>	
Name of water system: <u>Ferndale</u>	
Are you within the service area of an existing water system? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

If yes, explain why you are unable to connect to the system: \_\_\_\_\_

## Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

### Irrigation

Total number of acres requested to be irrigated under this application = NA ACRES

NOTE: Outline the area to be irrigated on your attached map.

### Stockwater

List number and kind of stock: NA

Is the proposed project for a dairy farm? ☐ YES ☒ NO

### Other Proposed Farm Uses

Describe all proposed uses: NA

### Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: \_\_\_\_\_

## Section 8. OTHER WATER USES

### Hydropower

Indicate total feet of head NA and proposed capacity in kilowatts: \_\_\_\_\_

Describe works: NA

Indicate all uses to which power is to be applied: \_\_\_\_\_

FERC License No: \_\_\_\_\_

### Mining/Industrial Use

Describe use, method of supplying and utilizing water: NA

### Other Use

NA

## Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☒ YES ☐ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☒ NO

Will the water depth be 10 feet or more? ☐ YES ☐ NO

If you answered yes to any of the above questions, please describe: Water will be piped into existing municipal distribution and storage system.

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.



## Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site: From I-5 Northbound, take Main Street Exit 262 toward City Center (0.3 miles). Turn right onto Main Street and follow for 0.9 miles. Turn right onto 3<sup>rd</sup> Ave and go 0.1 miles. Turn left on Vista Drive. After 1.2 miles, turn left on Thornton Street. In 0.7 miles, Thornton Street becomes Thornton Road. Follow Thornton Road an additional 0.4 miles to the site at 2601 Thornton Road, which is just east of Eagleridge Elementary School.

Site Address: 2601 Thornton Road, Ferndale, WA 98248

## Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

ROBERT CECILE, PUBLIC WORKS  
Print Name DIRECTOR  
(Applicant or authorized representative)

Robert Cecile  
Signature

4/24/09  
Date

GARY JENSEN, MAYOR  
Print Name  
(Landowner of Place of Use)

Gary Jensen  
Signature

4-24-09  
Date

\_\_\_\_\_  
Print Name  
(Landowner of Place of Use)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name  
(Landowner of Place of Use)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Submit your application to:** DEPARTMENT OF ECOLOGY  
CASHIERING SECTION  
PO BOX 47611  
OLYMPIA, WA 98504-7611

Please check the region in which your proposed project is located.  
☐ Southwest ☒ Northwest ☐ Central ☐ Eastern

Below is a map of the State of Washington, with outlines of the four Ecology regional offices. If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.